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FOR PATENT APPLICATION

POWER OF ATTORNEY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

ATTORNEY DOCKET NO.: 047763-5012

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ANTIBODIES TO CRYPTOSPORIDIUM

be specification of which:		
s attached hereto; or		
was filed as United States application Serial No on	and was amended on	(if
vas filed as PCT international application Number PCT/AU98/00368 of filed as PCT international applicable).	on 19 May 1998 and was amended under	PCT Article 19

hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of laims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56.

hereby claim foreign priority benefits under Title 35. United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for atent or inventor's certificate or §365(a) of any PCT international application(s) designating at least one country other than the United tates of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject latter having a filing date before that of the application(s) of which priority is claimed:

	PRIOR FOREIGN	APPLICATION(S):	
COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
ustralia	PO 6962 /	19 May 1997_	[X] Yes [] No
ustralia	PO 8242	25 July 1997_	[X] Yes [] No
			[] Yes [] No
			[] Yes [] No

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Page 1 of 4

ombined Declaration for Patent reludes Reference to PCT Inter	t Applican and Power of Amational Applications)	tomey - (Continued)		
			ATTORNEY DO	OCKET NO : 047763-50
I hereby claim the benefit	its under Title 35, United State	es Code §119(e) of any	United States provisi	ional application(s)
	U.S. PROVISIC	NAL APPLICATIONS	<u> </u>	
U.S. PROVISIONAL A	·		U.S. FILING DAT	ГЕ
manner provided by the fithe U.S. Patent and Trade presented in this application between the filing date of PRIOR U.S. APPLICAT BENEFIT:	plication(s) designating the Unit of the claims of this applications of the applications of the state of Title 35, Uniternate Office all information known in accordance with Title 37 the prior application(s) and the Unit of the Prior application of the Title 37 the prior application of the PCT INTERNATIONS OR PCT INTERNATIONS OR PCT INTERNATIONS.	ion is not disclosed in tited States Code, §112, nown to me to be mate. 7, Code of Federal Regular national or PCT inter-	that/those prior applications of acknowledge the dustrial to the patentability ulations, §1.56 which mational filing date of	ation(s) in the aty to disclose to ty of claims became available f this application:
U.S. APPLICA			STATUS (Check On	10)
U.S. APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
	 			
	†			
Decreas CC1 BiringGG Hi (Y: As a named inventor, I her he Customer Number provided Trademark Office connected the	1 helow to proceeding thi	ic application and to t	

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Page 2 of 4

(FRI) 11. 19' 99 15:47/ST. 15:45/NO. 4960636430 P

Combined Declaration For Patent Appl and Power of Attorney - (Continued) fincludes Reference to PCT International Applications)

ATTORNEY DOCKET NO.: 047763-5012

I bereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be mue; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL MAME OF FOLE		
OR FIRST INVENTOR	Graham VESEY	
RESIDENCE & CITIZENSHIP	New South Wales, Australia ALIX	COUNTRY
POST OFFICE	17 Glangagus Crescent, Hornsby,	Great Britain
POST OFFICE ADDRESS	10 Plunkett Street, Drummoyne, New South Wales, 2047, Austr	alia
FL . OR SOLE INVEN		DATE
FULL NAME OF SECOND INVENTOR	Christopher WEIR	
RESIDENCE & CITIZENSHIP OST OFFICE	New South Wales, Australia	COUNTRY C
OST OFFICE		Australia
VDDRESS	32 Formelles Street, Seaforth, New South Wales, 2092, Australia	
ECOND INVENTOR'S	SIGNATURE	DATE
ULL NAME OF THIRD VVENTOR	Keith Leslie WILLIAMS	
ESWENCE & ITIZENSHIP	New South Wales, Australia	COUNTRY O
000		Australia
OST OFFICE DDRESS	23 Nandi Avenue, Frenchs Forest, New South Wales, 2086, Austra	alia
HIRD INVENTOR'S SIG		

Listing of Inventors Continued on attacked page(s)

[X] Yes

[] No

1-WA/1321654 1

Page 3 of 4

		ATTORNEY DOCKET NO.: 04776
FULL NAME OF FOURTH INVENTOR	Martin Basil SLADE	
ESIDENCE & CITIZENSHIP	New South Wales, Australia	COUNTRY OF CITIZENSHIP
OST OFFICE	40 Conrad Street, East Ryde, New South Wales, 2113, A	Australia
DDRESS Wales, 2113, Australia		
OURTH INVENTOR'S SIGNATURE		DATE
ULL NAME OF FIFTH NVENTOR	Duncan VEAL	
ESIDENCE &	New South Wales, Australia	COUNTRY OF CITIZENSHIP
		Great Britain
OST OFFICE ODRESS	70 Finlay Road, Turramurra, New South Wales, 2074, A	ustralia
FTH INVENTOR'S SIG	NATURE	DATE
L	isting of Inventors Continued on attached page(s) [] Yes [X] No

1-WA/1321654.1

Page 4 of 4

COMBINED DECL	ARAT FOR PATEN	T APPLICATION AL	OWER OF ATTORNEY
			S. DEPARTMENT OF COMMERC Patent and Trademark Office
		ATTO	RNEY DOCKET NO.: 047763-501
s a below named inventor, I h	ereby declare that:		
y residence, post office addres	is and citizenship are as stated b	elow next to my name,	
elieve I am the original, first mes are listed below) of the st	and sole inventor (if only one n ubject matter which is claimed a	ame is listed below) or an original and for which a patent is sought on	, first and joint inventor (if plural the invention entitled:
		CRYPTOSPORIDIUM	
specification of which:			
attached hereto; or		·	
icable); or	ation Serial No on		
s filed as PC1 international ap	plication Number <u>PCT/AU98/0</u> applicable).	0368 on 19 May 1998 and was a	amended under PCT Article 19
reby state that I have reviewe iny amendment referred to abo	d and understand the contents of	f the above-identified specification	, including the claims, as amended
knowledge the duty to disclos ms presented in this applicatio	c to the U.S. Patent and Tradem in in accordance with Title 37, C	uark Office information which is m Code of Federal Regulations, §1.56	aterial to the patentability of
es of America listed below and mational application(s) designs	t have also identified below	foreign application(s) for patent o	t one country other than the United
	PRIOR FOREIGN	APPLICATION(S):	
COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED

COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
stralia	PO 6962	19 May 1997	[X] Yes [] No
stralia	PO 8242	25 July 1997	[X] Ycs [] No
			[] Yes [] No
			[] Yes [] No

1-WA/1321654 1

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obined Declaration For Patent Application and Power of Attorney ludes Reference to PCT International Applications)	ATTORNEY DOCKET NO.: 047763-501
I hereby claim the benefits under Title 35. United States Codlisted below.	e §119(e) of any United States provisional application(s)
U.S. PROVISIONAL	APPLICATIONS
U.S. PROVISIONAL APPLICATION NO.	U.S. FILING DATE

any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT:

U.S. APPLICATIONS		STATUS (Check One)		
U.S. APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

Customer Number: 009629

Ject Telephone Calls To: ame and telephone number)

> Reid G. Adler 202-467-7756

1-WA/1321654.1

Page 2 of 4

en and Power of Attorney - (Continued) lumbined Declaration For Patent Applica. includes Reference to PCT International Applications)

ATTORNEY DOCKET NO.: 047763-5012

bereby declare that all statements made berein of my own knowledge are true and that all statements made on information and belief re believed to be mue; and further that these statements were made with the knowledge that willful false statements and the like so tade are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful else statements may jeopardize the validity of the application or any patent issuing thereon.

ULL NAME OF SOLE R FIRST INVENTOR	Graham VESEY	
ESIDENCE & ITIZENSHIP	New South Wales, Australia	COUNTRY OF CITIZENSHIP
		Great Britain
OST OFFICE DDRESS	10 Plunkett Street, Drummoyne, New South Wales, 2047, Australia	
L OR SOLE INVENT	OR'S SIGNATURE	DATE
ULL NAME OF SCOND INVENTOR	Christopher WEIR	
ESIDENCE & :TIZENSHIP DST OFFICE	New South Wales, Australia	COUNTRY OF CITIZENSHIP
		Australia
ODRESS	32 Formelles Street, Seaforth, New South Wales, 2092, Australia	
COND INVENTOR'S	IGNATURE	DATE
ILL NAME OF THIRD VENTOR	Keith Leslie WILLIAMS	
SWENCE &	New South Wales, Australia	COUNTRY OF CITIZENSHIP
		Australia
ST OFFICE DRESS	23 Nandi Avenue, Frenchs Forest, New South Wales, 2086, Australia	
IRD INVENTOR'S SIGNATURE DATE		

Listing of Inventors Continued on attached page(s) [X] Yes [] No

1-WA/1321654 1

Page 3 of 4

(includes Reference to PC	T International Applications)	
	ATTC	DRNEY DOCKET NO.: 047763-50
FULL NAME OF FOURTH INVENTOR	Martin Basil SLADE	
RESIDENCE & CITIZENSHIP	New South Wales, Australia	COUNTRY OF CITIZENSHIP
		Australia
OST OFFICE ADDRESS	40 Conrad Street, East Ryde, New South Wales, 2113, Australia	
OURTH INVENTOR'S	SIGNATURE	DATE
ULE NAME OF FIFTH NVENTOR 5-00	Duncan VEAL	
ESIDENCE & ITIZENSHIP	New South Wales, Australia	COUNTRY OF CITIZENSHIP
OST OFFICE DDRESS	70 Finlay Road, Титтатшта, New South Wales, 2074, Australia	Great Britain
FT親 INVENTOR'S SIG	NATURE & PALL	DATE * /5/17/99/
	isting of Inventors Continued on attached page(s) [] Yes	[X] No

FOR PATENT APPLICATION A



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

ATTORNEY DOCKET NO.: 047763-5012

As a below named inventor, I	hereby declare that:		
My residence, post office addre	ess and citizenship are as stated bel	low next to my name,	
believe I am the original, firs names are listed below) of the	st and sole inventor (if only one na subject matter which is claimed an	me is listed below) or an original ad for which a patent is sought on	, first and joint inventor (if plural the invention entitled:
	ANTIBODIES TO	CRYPTOSPORIDIUM	
he specification of which:			
s attached hereto; or			
was filed as United States appl applicable); or	ication Serial No on	and was amended	on(if
hereby state that I have review by any amendment referred to a acknowledge the duty to discl laims presented in this application inventor's certificate of tates of America listed below iternational application(s) desi	above. lose to the U.S. Patent and Tradem tion in accordance with Title 37, Combenefits under Title 35, United States §365(a) of any PCT internationa	the above-identified specification ark Office information which is mode of Federal Regulations, §1.56 tes Code, §119(a)-(d) or §365(b) application(s) designating at least foreign application(s) for patent than the United States of America	naterial to the patentability of S. of any foreign application(s) for st one country other than the United or inventor's certificate or any PCT
	PRIOR FOREIGN	APPLICATION(S):	
COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
ustralia	PO 6962	19 May 1997	[X] Yes [] No
ustralia	PO 8242	25 July 1997	[X] Yes [] No
			[] Yes [] No

COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
ustralia	PO 6962	19 May 1997	[X] Yes [] No
ustralia	PO 8242	25 July 1997	[X] Yes [] No
			[] Yes [] No
			[] Yes [] No

ludes Reference to PCT Intern			ATTORNEY DOC	CKET NO.: 047763-5
I hereby claim the benefit listed below.	ts under Title 35, United States	s Code §119(e) of any	United States provisio	onal application(s)
	U.S. PROVISION	NAL APPLICATIONS		
U.S. PROVISIONAL AF	PPLICATION NO.		U.S. FILING DAT	E
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presented in this application	mark Office all information kn on in accordance with Title 37,	, Code of Federal Regu	lations, §1.56 which b	became available
PRIOR U.S. APPLICAT	the prior application(s) and the			
PRIOR U.S. APPLICAT BENEFIT:	TIONS OR PCT INTERNATI		NS DESIGNATING	THE U.S. FOR
PRIOR U.S. APPLICAT BENEFIT:	TIONS OR PCT INTERNATI			THE U.S. FOR
PRIOR U.S. APPLICAT BENEFIT:	TIONS OR PCT INTERNATI	IONAL APPLICATIO	NS DESIGNATING STATUS (Check One	THE U.S. FOR
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PRIOR U.S. APPLICAT BENEFIT:	TIONS OR PCT INTERNATI	IONAL APPLICATIO	NS DESIGNATING STATUS (Check One	THE U.S. FOR
PRIOR U.S. APPLICAT BENEFIT:	TIONS OR PCT INTERNATI	IONAL APPLICATIO	NS DESIGNATING STATUS (Check One	THE U.S. FOR

202-467-7756

Combined Declaration For Patent Applications) and Powerincludes Reference to PCT International Applications)

and Power of Attorney - (Continued)

ATTORNEY DOCKET NO.: 047763-5012

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

OR FIRST INVENTOR	Graham VESEY	
RESIDENCE & CITIZENSHIP	New South Wales, Australia	COUNTRY OF CITIZENSHIP
		Great Britain
POST OFFICE ADDRESS	10 Plunkett Street, Drummoyne, New South Wales, 2047, Australia	
FIRST OR SOLE INVENT	OR'S SIGNATURE	DATE
FULLENAME OF SECOND INVENTOR	Christopher WEIR	
RESIDENCE & CITIZENSHIP	New South Wales, Australia	COUNTRY OF CITIZENSHIP
		Australia
OST OFFICE ADDRESS	32 Formelles Street, Seaforth, New South Wales, 2092, Australia	
SECOND INVENTOR'S S	IGNATURE	DATE
ULENAME OF THIRD NVENTOR	Keith Leslie WILLIAMS	
ESIDENCE &	New South Wales, Australia	COUNTRY OF CITIZENSHIP
		Australia
OST OFFICE DDRESS	23 Nandi Avenue, Frenchs Forest, New South Wales, 2086, Australia	
HIRD INVENTOR'S SIGN	NATURE	DATE

Listing of Inver	ntors Continued	on attached	l page(s)
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[X] Yes

[] No

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(includes Reference to PC	Patent Application and Power of Attorney - (Continued) I International Applications)	ATTORNEY DOCKET NO.: 047763-
FULL NAME OF H-DC) FOURTH INVENTOR	Martin Basil SLADE	
RESIDENCE & CITIZENSHIP	New South Wales, Australia Aux	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	40 Conrad Street, East Ryde, New South Wales, 2113, Austr	Australia
FOURTH INVENTOR'S	SIGNATURE MASKELL	DATE 2.00
FULL NAME OF FIFTH INVENTOR	Duncan VEAL	
RESIDENCE & CITIZENSHIP	New South Wales, Australia	COUNTRY OF CITIZENSHIP
POST OFFICE	70 Finlay Road, Turramurra, New South Wales, 2074, Austra	Great Britain
IFTH INVENTOR'S SIG	NATURE	DATE
Li	sting of Inventors Continued on attached page(s) [] Ye	s [X] No

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Page 4 of 4

COMBINED DECLARATION

FOR PATENT APPLICATION



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

ATTORNEY DOCKET NO.: 047763-5012

As a below named inventor, I hereby declare that:

	nereby decrare that.		
My residence, post office addr	ess and citizenship are as stated be	low next to my name,	
I believe I am the original, fire names are listed below) of the	st and sole inventor (if only one na subject matter which is claimed an	me is listed below) or an origina and for which a patent is sought o	el, first and joint inventor (if plural n the invention entitled:
	ANTIBODIES TO	CRYPTOSPORIDIUM	
the specification of which:			
.s attached hereto; or			
was filed as United States applipplicable); or	ication Serial No on	and was amende	d on(if
hereby state that I have review y any amendment referred to acknowledge the duty to discular presented in this application. The desired in the property of the	wed and understand the contents of above. lose to the U.S. Patent and Trademition in accordance with Title 37, Contents under Title 35, United States §365(a) of any PCT international	the above-identified specification which is code of Federal Regulations, §1.5 tes Code, §119(a)-(d) or §365(b) application(s) designating at less foreign application(s) for patent than the United States of Americ	on, including the claims, as amended material to the patentability of 56. of any foreign application(s) for ast one country other than the United to rinventor's certificate or any PCT
	PRIOR FOREIGN	APPLICATION(S):	
COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
ustralia	PO 6962	19 May 1997	[X] Yes [] No
ustralia	PO 8242	25 July 1997	[X] Yes [] No
			[] Yes [] No
			[]Yes []No

ROM, MORGAN LEWIS & BOCKI	US	(FRI) 11. 19' 99 15:	:47/ST. 15:45/NO. 4	1860636430 P 5
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ncludes Reference to PCT Intern		omey - (Continueu)		
			ATTORNEY DOC	CKET NO.: 047763-5012
I hereby claim the benefi	its under Title 35, United State	s Code §119(e) of any	United States provisio	nal application(s)
nsted below.	U.S. PROVISIO	NAL APPLICATIONS		
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the U.S. Patent and Trade presented in this application between the filing date of	of the claims of this applications of the claims of this applications paragraph of Title 35, Uniternated Office all information known in accordance with Title 37 the prior application(s) and the TIONS OR PCT INTERNATIONS	ted States Code, §112, nown to me to be mater , Code of Federal Regulate national or PCT inter	I acknowledge the duty rial to the patentability plations, §1.56 which b mational filing date of	y to disclose to y of claims pecame available this application: THE U.S. FOR
US APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
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.ame and telephone number)

Reid G. Adler 202-467-7756 and Power of Attorney - (Continued)

(includes Reference to PCT International Applications)

ATTORNEY DOCKET NO.: 047763-5012

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	Graham VESEY	
RESIDENCE & CITIZENSHIP	New South Wales, Australia	COUNTRY OF CITIZENSHIP
		Great Britain
POST OFFICE ADDRESS	10 Plunkett Street, Drummoyne, New South Wales, 2047, Australia	
FIRST OR SOLE INVENT	OR'S SIGNATURE	DATE
FULL NAME OF 2 - OU SECOND INVENTOR	Christopher WEIR	
RESIDENCE & CITIZENSHIP	New South Wales, Australia Aux	COUNTRY OF CITIZENSHIP
Total		Australia
OST OFFICE DDRESS	32 Formelles Street, Seaforth, New South Wales, 2092, Australia	
ECOND INVENTOR'S S	IGNATURE .	DATE 2//2/99.
TULL NAME OF THIRD NVENTOR 3-00	Keith Leslie WILLIAMS	, in the second
ESIDENCE & ITIZENSHIP	New South Wales, Australia A	COUNTRY OF CITIZENSHIP
		Australia
OST OFFICE DDRESS	23 Nandi Avenue, Frenchs Forest, New South Wales, 2086, Australia	
HIRD INVENTOR'S SIG	NATURE > JH OLD	DATE (C. Dec 1879

Listing of Inventors Continued on attached page(s)

[X] Yes

[] No

[X] No

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(includes Reference to PC	Patent Application and Power of Attorney - (Continued) I International Applications)	
		ATTORNEY DOCKET NO.: 047763-501
FULL NAME OF FOURTH INVENTOR	Martin Basil SLADE	
RESIDENCE & CITIZENSHIP	New South Wales, Australia	COUNTRY OF CITIZENSHIP
POST OFFICE ADDRESS	40 Conrad Street, East Ryde, New South Wales, 2113, Aus	Australia
FOURTH INVENTOR'S	SIGNATURE	DATE
FULL NAME OF FIFTH INVENTOR	Duncan VEAL	
RESIDENCE & CITIZENSHIP	New South Wales, Australia	COUNTRY OF CITIZENSHIP Great Britain
POST OFFICE ADDRESS	70 Finlay Road, Turramurra, New South Wales, 2074, Austr	
FIFTH INVENTOR'S SIG	NATURE	DATE
Li Li	sting of Inventors Continued on attached page(s) [] Y	/es [X] No